

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	52	600/455.ccls. and (legendre polynomial and even number\$5) and (complex expansion coefficient \$1 and doppler).dm.	US-PGPUB; USPAT	OR	OFF	2010/12/28 14:31
L2	0	600/455.ccls. and (legendre polynomial and even number\$5) and (complex expansion coefficient \$1 and doppler).dm.	US-PGPUB; USPAT	AND	OFF	2010/12/28 14:32
S1	3416	(doppler velocity and transmit\$4 and receive \$4 beamformer\$1) and (velocity analyz\$4 and expansion coefficient \$1) and (superimpos\$5 blood flow velocity image\$1) and (legendre polynomial)	US-PGPUB; USPAT	OR	OFF	2008/12/12 21:42
S2	3850990	S1 and odd number\$1 and even number\$1	US-PGPUB; USPAT	OR	OFF	2008/12/12 21:42
S3	3416	(doppler velocity and transmit\$4 and receive \$4 beamformer\$1) and (velocity analyz\$4 and expansion coefficient \$1) and (superimpos\$5 blood flow velocity image\$1) and (legendre polynomial)	US-PGPUB; USPAT	OR	OFF	2008/12/12 21:43
S4	0	(doppler velocity and transmit\$4 and receive \$4 beamformer\$1) and (velocity analyz\$4 and expansion coefficient \$1) and (superimpos\$5 blood flow velocity image\$1) and (legendre polynomial)	US-PGPUB; USPAT	AND	OFF	2008/12/12 21:43

S5	0	(doppler velocity and transmit\$4 and receive\$4 beamformer\$1) and (velocity analyz\$4 and expansion coefficient\$1) and (superimpos\$5 blood flow velocity image\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/12 21:43
S6	0	(doppler velocity and transmit\$4 and receive\$4 beam former\$1) and (velocity analyz\$4 and expansion coefficient\$1) and (superimpos\$5 blood flow velocity image\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/12 21:43
S7	0	(doppler velocity and transmit\$4 and receive\$4 beam former\$1) and (velocity analyz\$4 and expansion coefficient\$1) and (superimpos\$5 blood flow velocity image\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/12 21:43
S8	55	(doppler velocity and transmit\$4 and receive\$4 beam former\$1) and (velocity analyz\$4 and expansion coefficient\$1) and (superimpos\$5 blood flow velocity image\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/12 21:44
S9	7	(doppler velocity and legendre polynomial)	US-PGPUB; USPAT	AND	OFF	2008/12/12 21:53
S10	0	(legendre polynomial with even number\$5) and (complex expansion coefficient\$1 and doppler)	US-PGPUB; USPAT	AND	OFF	2008/12/12 22:09
S11	1186635	(legendre polynomial with even number\$5) and (complex expansion coefficient\$1 and doppler)	US-PGPUB; USPAT	OR	OFF	2008/12/12 22:10
S12	0	(legendre polynomial and even number\$5) and (complex expansion coefficient\$1 and doppler)	US-PGPUB; USPAT	AND	OFF	2008/12/12 22:10

S13	1187102	(legendre polynomial and even number\$5) and (complex expansion coefficient \$1 and doppler)	US-PGPUB; USPAT	OR	OFF	2008/12/12 22:10
S14	1181068	(legendre polynomial and even number\$1) and (complex expansion coefficient \$1 and doppler)	US-PGPUB; USPAT	OR	OFF	2008/12/12 22:10
S15	10	(legendre polynomial and even number\$1) and (complex expansion coefficient \$1 and doppler)	US-PGPUB; USPAT	AND	OFF	2008/12/12 22:11
S16	1020	superimpos\$4 blood flow velocity and doppler	US-PGPUB; USPAT	AND	OFF	2008/12/12 22:21
S17	899	superimpos\$4 blood flow velocity and doppler and display\$4	US-PGPUB; USPAT	AND	OFF	2008/12/12 22:22
S18	155	superimpos\$4 blood flow velocity and doppler and display\$4 and (ratio magnitude complex expansion coefficient\$1)	US-PGPUB; USPAT	AND	OFF	2008/12/12 22:23
S19	14	(doppler velocity detect \$4 and legendre polynomial\$1) and (moving reflect\$4 and imaginar\$4 unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/12/15 19:17
S20	170	600/455.ccls. and (legendre polynomial and even number\$5) and (complex expansion coefficient \$1 and doppler)	US-PGPUB; USPAT	OR	OFF	2008/12/15 22:10
S21	137	600/453.ccls. and (legendre polynomial and even number\$5) and (complex expansion coefficient \$1 and doppler)	US-PGPUB; USPAT	OR	OFF	2008/12/15 22:10
S22	184	600/454.ccls. and (legendre polynomial and even number\$5) and (complex expansion coefficient \$1 and doppler)	US-PGPUB; USPAT	OR	OFF	2008/12/15 22:10

S23	5812702	"6"	US-PGPUB; USPAT	OR	OFF	2008/12/15 22:10
S24	25	600/456.ccls. and (legendre polynomial and even number\$5) and (complex expansion coefficient \$1 and doppler)	US-PGPUB; USPAT	OR	OFF	2008/12/15 22:10
S25	22	600/457.ccls. and (legendre polynomial and even number\$5) and (complex expansion coefficient \$1 and doppler)	US-PGPUB; USPAT	OR	OFF	2008/12/15 22:11
S26	42	((SHIN-ICHIRO) near2 (UMEMURA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 12:09
S27	49	((TAKASHI) near2 (AZUMA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 12:09
S28	175	((TETSUYA) near2 (HAYASHI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 12:10
S29	0	doppler velocit\$4 detect \$4 analyz\$5 velocit\$4 with legendre polynom \$4 and expansion coefficient\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:15
S30	2	doppler velocit\$4 detect \$4 analyz\$5 velocit\$4 with legendre polynom \$4 and expansion coefficient\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:15
S31	2	analyz\$5 velocit\$4 with legendre polynom\$4 and expansion coefficient\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:15
S32	2	analyz\$5 velocit\$4 with legendre polynom\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:16
S33	3	analyz\$5 velocit\$4 with legendre polynom\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/02 12:17
S34	1	((LUTZ) near2 (DIPL- ING)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 13:29
S35	73	((LUTZ) near2 (DIPL- ING)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/09/02 13:30
S36	1	"20020058865"	US-PGPUB; USPAT	OR	OFF	2009/09/02 13:33
S37	35323	katz	US-PGPUB; USPAT	OR	OFF	2009/09/02 14:09

S38	94	"3900034"	US-PGPUB; USPAT	OR	OFF	2009/09/02 14:10
S39	1	irradiat\$4 muscle\$1 with coherent monochromatic\$3 electromagne\$4 and evaluat\$4 frequenc\$4 and intensit\$4	US-PGPUB; USPAT	AND	OFF	2009/09/02 19:31
S40	3	irradiat\$4 muscle\$1 with coherent monochromatic\$3 electromagne\$4 and (evaluat\$4 frequenc\$4 or intensit\$4)	US-PGPUB; USPAT	AND	OFF	2009/09/02 19:32
S41	4	measur\$4 velocit\$3 with legendre polynomial coefficient \$1	US-PGPUB; USPAT	AND	OFF	2009/09/30 15:02
S42	46	measur\$4 velocit\$3 and legendre polynomial coefficient \$1	US-PGPUB; USPAT	AND	OFF	2009/09/30 15:04
S43	9	measur\$4 velocit\$3 with magnitude\$1 expansion coefficient \$1 and legendre	US-PGPUB; USPAT	AND	OFF	2009/09/30 15:27
S44	2	blood flow\$4 with legendre polynomial\$1	US-PGPUB; USPAT	AND	OFF	2009/09/30 16:02
S45	4	velocit\$4 with legendre polynomial\$1	US-PGPUB; USPAT	AND	OFF	2009/09/30 16:02
S46	0	600/419.ccls. and doppler and measur\$4 velocit\$4 with (legendre polynomial \$1 or expansion coefficient\$1 and magnitude\$1)	US-PGPUB; USPAT	AND	OFF	2009/09/30 16:08
S47	7040	600/419.ccls. and doppler and measur\$4 velocit\$4 with (legendre polynomial \$1 or expansion coefficient\$1 and magnitude\$1)	US-PGPUB; USPAT	OR	OFF	2009/09/30 16:08
S48	0	600/453.ccls. and doppler and measur\$4 velocit\$4 with (legendre polynomial \$1 or expansion coefficient\$1 and magnitude\$1)	US-PGPUB; USPAT	AND	OFF	2009/09/30 16:08

S49	7238	600/453.ccls. and doppler and measur\$4 velocit\$4 with (legendre polynomial \$1 or expansion coefficient\$1 and magnitude\$1)	US-PGPUB; USPAT	OR	OFF	2009/09/30 16:08
S50	12	600/453.ccls. and ((doppler and measur\$4 velocit\$4) with (legendre polynomial \$1 or expansion coefficient\$1 and magnitude\$1))	US-PGPUB; USPAT	OR	OFF	2009/09/30 16:09
S51	518760	600/453.ccls. legendre polynomial\$1 and measur\$4 velocit\$4	US-PGPUB; USPAT	OR	OFF	2009/09/30 16:12
S52	0	600/453.ccls. legendre polynomial\$1 and measur\$4 velocit\$4	US-PGPUB; USPAT	AND	OFF	2009/09/30 16:12
S53	101	legendre polynomial\$1 and measur\$4 velocit\$4	US-PGPUB; USPAT	AND	OFF	2009/09/30 16:12
S54	0	measur\$4 velocit\$4 with magnitude\$1 expansion coefficient \$1 legendre polynomial	US-PGPUB; USPAT	AND	OFF	2010/03/22 14:15
S55	4	measur\$4 velocit\$4 with magnitude\$1 expansion coefficient \$1 legendre polynomial	US-PGPUB; USPAT	AND	OFF	2010/03/22 14:16
S56	0	600/453-457.ccls. and (doppler velocity and transmit\$4 and receiv\$4 beamformer\$1) and (velocity analyz\$4 and expansion coefficient \$1) and (superimpos\$5 blood flow velocity image\$1) and (legendre polynomial). clm.	US-PGPUB; USPAT	AND	OFF	2010/07/30 14:45
S57	0	600/407.ccls. and (doppler velocity and transmit\$4 and receiv\$4 beamformer\$1) and (velocity analyz\$4 and expansion coefficient \$1) and (superimpos\$5 blood flow velocity image\$1) and (legendre polynomial). clm.	US-PGPUB; USPAT	AND	OFF	2010/07/30 14:45

S58	0	600/437.ccls. and (doppler velocity and transmit\$4 and receive\$4 beamformer\$1) and (velocity analyz\$4 and expansion coefficient\$1) and (superimpos\$5 blood flow velocity image\$1) and (legendre polynomial). cdm.	US-PGPUB; USPAT	AND	OFF	2010/07/30 14:45
S59	0	600/437.ccls. and doppler velocity and transmit\$4 and receive\$4 and velocity analyz\$4 and expansion coefficient\$1 and legendre polynomial. cdm.	US-PGPUB; USPAT	AND	OFF	2010/07/30 14:46
S60	1	"11407759"	US-PGPUB; USPAT	AND	OFF	2010/07/30 16:32
S61	1	"10580225"	US-PGPUB; USPAT	OR	OFF	2010/08/13 18:48

12/ 28/ 2010 2:32:31 PM

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